

ANDOM CCESS EETHOD OF CCOUNTING AND ONTROL

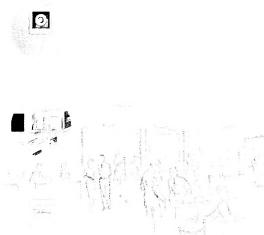


Transactions Processed Individually,
as they occur (in-line)
eliminates sorting and collating
avoids peak loads
continuous flow of work streamlines
operations
decisions made automatically during
processing

Related Records Updated in same
Processing Step
records always up to date
closer control over operations
reports prepared without preliminary
processing at end of accounting period
need for action is signaled
immediately

Direct Interrogation of Memory,
Automatic Response
records can be based on accurate,
up-to-the-minute facts,
interim results of processing can be
automatically typed out for management
consideration

Since transactions are processed as
they occur, there is no waiting or lost
time. The emphasis is on constant
availability of information.
With 305 RAMAC records are always
current and up to date.



APPLICATIONS



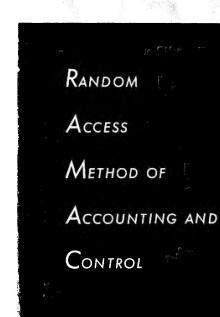
305 RAMAC's advanced concepts can be applied to almost
every phase of business accounting and record keeping
and, in many cases, will encourage entirely new and
improved methods for the performance and control
of operations.

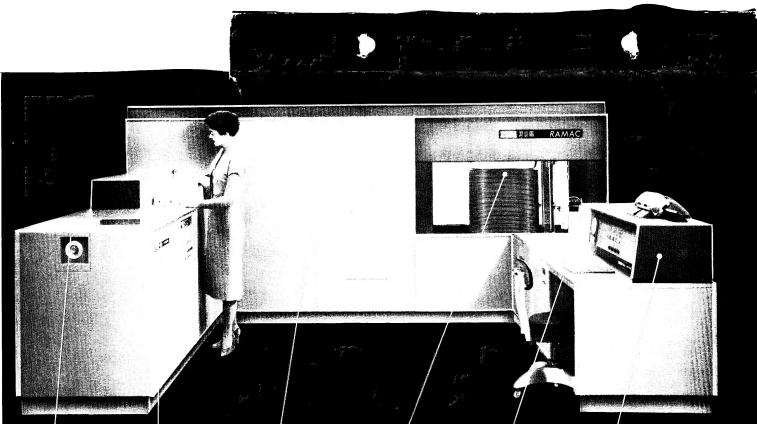
For complete information concerning the adaptability of
305 RAMAC to your business, telephone or write the
IBM branch office in your community.

*
International Business Machines Corporation
590 Madison Avenue, New York 22, New York



RAMAD
ACCESS
METHOD OF
ACCOUNTING AND
CONTROL





**A Compact...
Complete...
Commercial...
Data Processing
Machine**

NOW

This versatile, new serial printer - with full-functioning keyboard - prints reports at speeds up to 80 lines per minute, depending on the number of printing positions per line.

This unit punches input data from 305 RAMAC units and other punched card devices in a fixed or variable format, at speeds up to 100 cards per minute. Punching and printing can occur at the same time.

Within this section are magnetic cores, electronic circuitry, and a magnetic drum to store programs, rearrange information and perform complex numerical and logical processing of data. A wire control panel controls the magnetic core making, as well as ease of programming.

Any record stored here can be located directly, at random, or sequentially, or through unwanted information, or through user programs, rearrange information and perform complex numerical and logical processing of data.

A wire control panel controls the magnetic core making, as well as ease of programming.

This unit transfers data from punched cards into both magnetic cores up to 125 cards per minute. Card reading can occur simultaneously with programmed operations. Several transactions can be handled in one card by sequential data entry.

From this console, by means of the transistored keypunch, data can be interrupted for specific facts, at any time. An operator can also manually type by the receiving typewriter, messages on the console. The various console indicator lights and switches are in monitoring operations.

305 RAMAC is more than a remarkable new kind of general-purpose data processing machine with tremendous potential for organizations of all sizes. 305 RAMAC is more than a compact, self-contained electronic bookkeeping computer that produces up-to-the-minute facts from ever-current files. 305 RAMAC is the introducer, the forerunner of accounting to come - the modern answer to better business control.

Computer data processing today depends largely on file maintainability which, in turn, depends upon access to those records affected by transactions. Records stored in 305 RAMAC can be located directly, without searching; thus automated information retrieval system in RAMAC enables revolutionary "in-line" data processing, the essence of the random access method of accounting and control.

Instead of processing data in account job batches, each transaction is processed as it happens, and all the data is available for immediate use. Storage is reduced. For example, when used for inventory control and billing, 305 RAMAC can, from a single order,

determine availability

price each item

adjust stock balances

invoice the customer

prepare accounts receivable record

accumulate data for later sales analyses

credit salesman's commission account

Files in 305 RAMAC always reflect the status. Not only is the latest data in the period, but through the random access method of accounting and control, sorting and collating often are completely eliminated. At the end of an accounting period, reports can be produced with preliminary totals, or

final reports can be run for the console keyboard. 305 RAMAC can, at any time, furnish specific, accurate facts on which to base decisions.

what 305 RAMAC® means to business